From:	IACAList on behalf of Levi Giraud via IACAList
To:	iacalist@iaca.net
Subject:	Re: [IACA] Chronic Offender List Development
Date:	Monday, September 24, 2018 11:00:15 AM
Attachments:	image001.png Lumen DynamicScoring 20180919.pdf ATT00001.txt

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Hello,

I agree with everything Mr. Fosberg said. I would also like to say that I have gone through the process of building my own and it takes a lot of work to get it right.

However, Numerica recently added a dynamic scoring tool that does this in their Lumen product which utilizes many of the principles Mr. Fosberg mentioned. If you are not familiar with Lumen it is similar to Lexis Nexis Crime Analysis and Command Central, but in my opinion Lumen is far superior to both.

While Lumen's scoring tool does not yet give you complete control over the creation of a list like a tool you build would, they are constantly improving it based on user feedback. I know this first hand because I, and a number of other analysts I know, have made many suggestions that have worked their way into Lumen over time. At this point, even though I spent a lot of time building my own scoring tool I am using it less and less in favor of Lumen's. This is due to the fact that here in Colorado, Lumen is a regional system so I not only get scores based on my own agency's, data but from all of the agencies in Colorado that put data into Lumen.

So I would suggest at least looking into Lumen which has an amazing range of abilities beyond the dynamic scoring tool (they even have facial recognition now). I use Lumen all day every day, as do many other analysts here in Colorado, it really is an amazing product that might be able to help you out.

Here is a link to some info on their scoring tool https://www.numerica.us/introducing-the-new-lumen-dynamic-scoring-agent/. I have also attached a PDF that goes into great detail about the inner workings of the scoring tool.

Thank you.

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From: IACAList [mailto:iacalist-bounces+levgir=lakewoodco.org@listserve.com] **On Behalf Of**

Fosberg, Barry via IACAList
Sent: Wednesday, September 19, 2018 7:37 AM
To: Prenger, Molly <MPRENGER@spokanecounty.org>; iacalist@iaca.net
Subject: Re: [IACA] Chronic Offender List Development

Ms. Prenger,

If you have not looked there already there are two superb resources on this topic at IACA.net. The IACA White paper on this topic can be found at https://www.iaca.net/Publications/Whitepapers/iacawp_2018_01_prioritizing_offenders.pdf

Chris Bruce has a great 1 hour video on one he created. You will find it in the pull down list at: https://www.iaca.net/webinars.asp

Of the issues I faced in creating mine a few short points;
The biggest single problem I had was creating a method to positively identify offenders while minimizing lost data and confusing offenders with similar names. Every criteria will cost you data, but may improve the validity of your list. I chose to use first and last name and DOB. I have no soundex and no allowed errors for spelling, missing info or incorrect DOB entry.

If you chose to include race or related demographic info be ready to testify about why.

If you include Gang membership, this can raise other problems. Remember your list is a moment on time.

Because I was looking at several databases, I often got extra home addresses associated with my offenders. I made a separate list of these and included that as part of my final product.

Speaking of time, your list may be very effective in helping to get bad actors off the streets. It is not likely to be sufficient cause for an arrest. In short, expect to see the same names at the top of your list. We learned that the list need not be run weekly or even monthly.

Make sure you can check to see if listed prolific offenders are not in custody and will be in custody for some time in the future . (I had one I would have taken off a list, but learned he was due for release the next day). Promote feed-back from the street officers so that you will learn of offenders who have died or recently been sentenced. It is always good to know if the officers in the field like your product,

Right now the main term I see for how to weigh crimes/incidents is 'social harm'. For example your state has effectively rank ordered criminal offenses by the variation in the amount of jail time that offense can garner. How you score that rank order is up to you but being mindful of that implied sequence you have a justification for your weighting system.

I have a priority offender list. If you want to contact me separately please do.

Good Luck,

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"…forget the wax and the feathers, and do a better job on the wings."
Stanley Kubrick on the moral of the Icarus story.

From: IACAList [mailto:iacalist-bounces+barry.fosberg=houstonpolice.org@listserve.com] **On Behalf Of** Prenger, Molly via IACAList
Sent: Tuesday, September 18, 2018 3:43 PM
To: iacalist@iaca.net
Subject: [IACA] Chronic Offender List Development

I have been asked to help a chronic offender unit. If you maintain a database or have a system that rates chronic offenders, I would be interested in your process. Specifically, how do you weigh different crimes/incidents and how do you track it all?

Thanks,

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